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C.E.O.

## NONLINEAR SEISMIC IMAGING, INC.

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JUL 24 2003

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June 25, 2003

Applicant : Nonlinear Seismic Imaging, Inc.  
App. No. : 09/853,190  
Filed : 5-11-2001  
Title: Mapping Permeable Reservoir Formations by Measuring the  
Elastic Nonlinear Interactions of a Seismic Wave as it  
Propagates through the Reservoir Rock Matrix and its Pore  
Fluids

Group/A.U. : 2863  
Examiner : Toan M. Le

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### AMENDMENT

Sir:

In response to the Interview of July 18, 2003, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.



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Number of Pages: 6 including cover sheet

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TO: ~~John E. Barlow, Jr.~~ *Toan Le*  
SUPERVISORY PATENT EXAMINER  
Company: US Patent and Trade Office  
Fax Number: 703/746-4384 *8471*  
From: Sofia McGuire  
Fax Number: 713/521-2873  
Tel. Number: 713/552-2727

Date: 7/19/03 11:20:27 AM

RE: Application No. 09/853,190

### REMARKS:

Please see attached based upon the Interview on July 18, 2003. If you have any questions concerning this transmission or the application, please contact me directly at 713/942-7926.

Thank you.

*Sofia McGuire*  
Sincerely, Sofia McGuire

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